

4 Cu : up to 0.05 wt%
 5 Mn : up to 0.05 wt%
 6 Mg : 0.35 to 0.50 wt%
 7 Zn : up to 0.05 wt%
 8 Ti : up to 0.20 wt%

9 [Balance :] and the balance Al and other components, [the]
 10 wherein said other components comprise a total of not more than 0.15 wt% of
 11 said alloy and any single component of [the] said other components does not
 12 exceed 0.05 wt% of said alloy, the alloy having a microstructure which
 13 includes a primary aluminum-containing matrix and one or more iron-
 14 containing phases dispersed in the matrix, and wherein the sole or
 15 predominant iron-containing phase is β phase that has formed as a
 16 transformation product of π phase.

In Claim 4, line 1, delete "any one of the preceding claims", and
 insert --Claim 1--.

1 5. (Amended) A method for manufacturing an alloy article
 2 [which comprises] comprising the steps of:
 3 (a) providing a melt having a composition of:
 4 Si : 6.5 - 7.5 wt%
 5 Fe : up to 0.20 wt%
 6 Cu : up to 0.05 wt%

7 Mn: up to 0.05 wt%

8 Mg : 0.35 to 0.50 wt%

9 Zn : up to 0.05 wt%

10 Ti : up to 0.20 wt%

11 [Balance :] and the balance Al and other components, [the]

12 said other components comprising a total of not more than 0.15 wt% of said

13 alloy and any single component of [the] said other components not exceeding

14 0.05 wt% of said alloy,

15 (b) casting said melt and solidifying a casting at a cooling rate

16 that produces a microstructure of an aluminum-containing matrix and π and β

17 iron-containing phases dispersed in the matrix;

18 (c) solution heat treating the casting to at least partially

19 transform π phase to β phase; and

20 (d) quenching the casting to form the alloy article.

In Claim 7, line 1, delete "or claim 6".

In Claim 10, line 1, delete "or claim 6".

In Claim 11, lines 1 and 2, delete "any one of claims 5 to 10",
and replace with --Claim 5--.

In Claim 12, lines 1 and 2, delete "any one of claims 5 to 11",
and replace with --Claim 5--.

In Claim 13, lines 1 and 2, delete "any one of claims 5 to 12",
and replace with --Claim 5--.

In Claim 13, line 2, delete "includes" and replace with
--including--.

Please add the following new claims:

1 --15. The alloy defined in claim 3, wherein the Mg content of the
2 alloy is 0.40-0.45 wt%.

1 16. The method defined in claim 6, wherein the sole or
2 predominant iron-containing phase in the alloy article is β phase.

1 17. The method defined in claim 6, wherein the step of
2 solidifying the casting produces iron-containing phases that include a
3 substantial proportion of π phase and the subsequent solution heat treatment
4 step is effective to convert a majority of the π phase to β phase to give a
5 microstructure in the alloy article that includes iron-containing phases which
6 are predominantly β phase.

1 18. The method defined in claim 10, wherein, prior to casting,
2 the melt is at a temperature above the liquidus temperature of the alloy.

1 19. The method defined in claim 18, wherein the quenching
2 step is in hot water having a temperature of 70-80°C.